

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------------|-----------|
| 8956 | 1Q-1 | MADISON | 6 | 1 |
| | | ILLINOIS | CONTRACT NO. 76U20 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA: ST. AMBROSE DR TO IL 3

| LOCATION | WEST DELMAR AVE |
|----------|------------------|
| 2024 ADT | 4400 (ACTUAL) |
| 2044 ADT | 4900 (ESTIMATED) |
| MU% | 1.9 |
| SU% | 2.8 |

TRAFFIC DATA: STATE ST. TO ST. AMBROSE

| LOCATION | WEST DELMAR AVE |
|----------|------------------|
| 2024 ADT | 5150 (ACTUAL) |
| 2044 ADT | 5900 (ESTIMATED) |
| MU% | 1.6 |
| SU% | 6.8 |

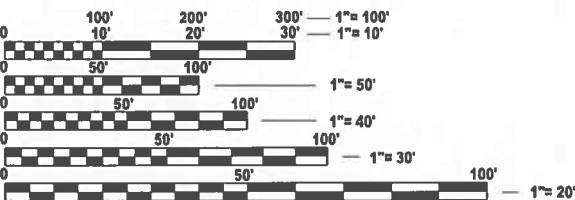
PROPOSED
HIGHWAY PLANS

FAU ROUTE 8956 (WEST DELMAR AVE)
SECTION: 1Q-1
CM - CHIP SEAL & FOG SEAL
MADISON COUNTY

C-98-186-24

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR

END PROJECT:
STA. 36+76
LAT: 38.925172
LONG: -90.204360

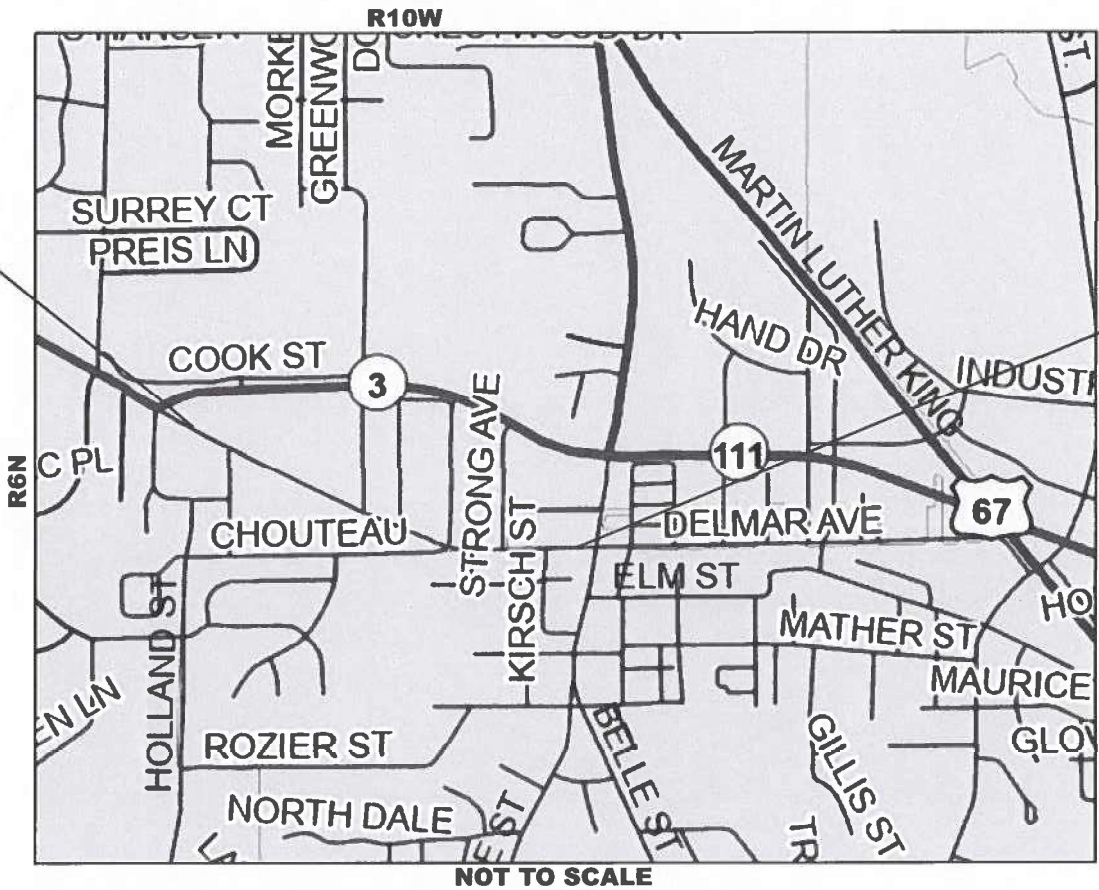


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

CONTRACT NO. 76U20



GROSS LENGTH = 3,552 FT. = 0.67 MILE
NET LENGTH = 3,552 FT. = 0.67 MILE



BEGIN PROJECT:
(EXISTING JOINT)
STA 1+23
LAT: 38.921941
LONG: -90.192486

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 10, 2024
Kil H Bu REGIONAL ENGINEER

January 31, 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025
James J. 5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTION
- 5. SCHEDULE OF QUANTITIES
- 6. LOCATION MAP

HIGHWAY STANDARDS

| | |
|-----------|---|
| 000001-08 | STANDARDS SYMBOLS ABBREVIATIONS & PATTERNS |
| 001006 | DECIMAL OF INCH & FOOT |
| 701006-05 | OFF ROAD MOVING OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE |
| 701201-05 | LANE CLOSURE, 2 LANE, 2 WAY, DAY ONLY |
| 701301-04 | LANE CLOSURE, 2 LANE, 2 WAY, SHORT TIME OPERATIONS |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-10 | TRAFFIC CONTROL DEVICES |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATION RAISED REFLECTION PAVEMENT MARKERS |

GENERAL NOTES

- 1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREAS

| | | AERIAL | BURIED |
|------------------------------------|------------------|--------|--------|
| AMEREN ILLINOIS | (GAS & ELECTRIC) | X | X |
| AT&T ILLINOIS | (COMMUNICATIONS) | X | X |
| CHARTER COMMUNICATIONS, INC | (CABLE TV) | X | X |
| CLEARWAVE FIBER LLC | (PIPELINE) | X | X |
| EVERSTREAM GLC HOLDING COMPANY LLC | (COMMUNICATIONS) | X | X |
| VILLAGE OF GODFREY | (SANITARY SEWER) | | X |
| ILLINOIS AMERICAN WATER COMPANY | (WATER) | | X |
| WANRACK, LLC | (COMMUNICATIONS) | X | X |

- 2. NO SURVEY WAS PREFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 3. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 4. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE SEED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- 5. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 6. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED ALONG WEST DELMAR AVE TO ALERT DRIVERS OF THE UPCOMING ROAD CONSTRUCTION. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED 14 DAYS PRIOR TO BEGINNING WORK. EXACT LOCATIONS OF THE CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
- 7. NO OVERNIGHT LANE CLOSURE WILL BE PERMITTED THE DURATION OF THE CONTRACT.
- 8. THE CONTRACTOR SHALL USE CA-16 FOR THE COVER AND SEAL COAT AGGREGATE.
- 9. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM IT'S FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ECT.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTRACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 10. THE VOID IN THE PAVEMENT WHICH RESULTS FROM THE RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SHALL BE PREPARED WITH MATERIAL AS DIRECTED BY THE ENGINEER. THE MATERIAL AND WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 783 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES, COMMITMENTS

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------|---------|--------------------|------------------|--------------|
| 8956 | 1Q-1 | MADISON | 6 | 2 |
| | | CONTRACT NO. 76U20 | | |
| | | ILLINOIS | FED. AID PROJECT | |

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

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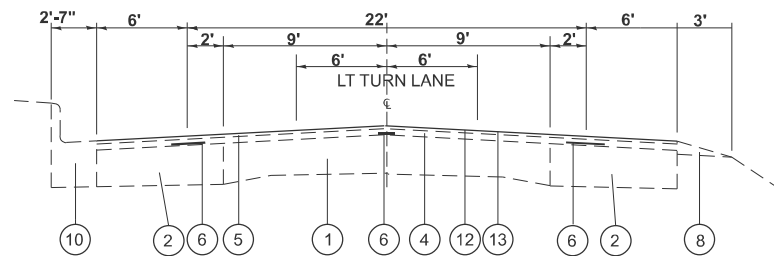
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| | | | | |
|------------|---|--------|----------------|--------------|
| 100% STATE | | | | |
| | | | | CONSTR. CODE |
| | | | | |
| | | | | |
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | ROADWAY |
| | | | | 0005 |
| | | | | URBAN |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 90 | 90 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1109 | 1109 |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 370 | 370 |
| * 78001130 | PAINT PAVEMENT MARKING - LINE 6" | FOOT | 12245 | 12245 |
| 78100200 | TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER | EACH | 89 | 89 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 89 | 89 |
| X1500005 | BITUMINOUS SURFACE TREATMENT, A2 | SQ YD | 10432 | 10432 |
| X4060107 | BITUMINOUS MATERIALS (FOG SEAL) | POUND | 4173 | 4173 |

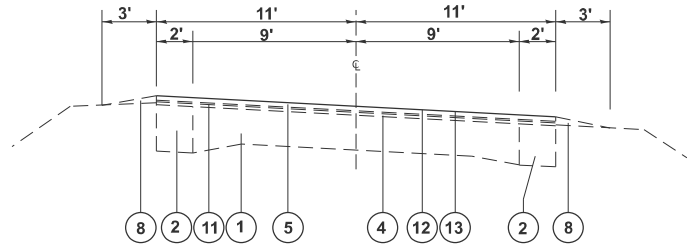
* SPECIALTY ITEM

REV - MS

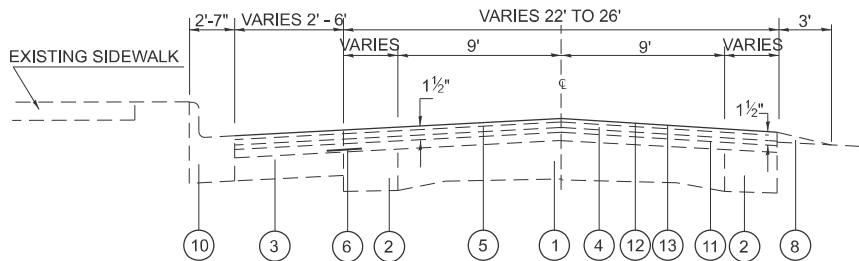
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|--|----------------------------|------------|-----------|---|-----------------------|---------|-------------|--------------------|---------|-----------------------------|--------------|-----------|
| | USER NAME = rahshun.miller | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | FAU RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - | REVISED - | | | | | 8956 | 1Q-1 | MADISON | 6 | 3 |
| | | CHECKED - | REVISED - | | | | | CONTRACT NO. 76U20 | | | | |
| | PLOT DATE = 11/12/2024 | DATE - | REVISED - | | SCALE: 50 | SHEET 1 | OF 1 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | |



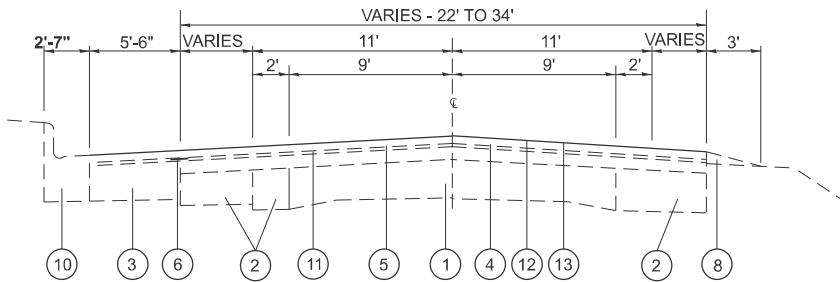
TYPICAL SECTION
STA. 1+23 TO STA. 1+91



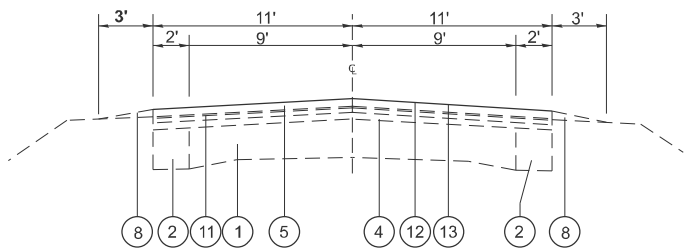
TYPICAL SECTION
STA. 8+28 TO STA. 13+64



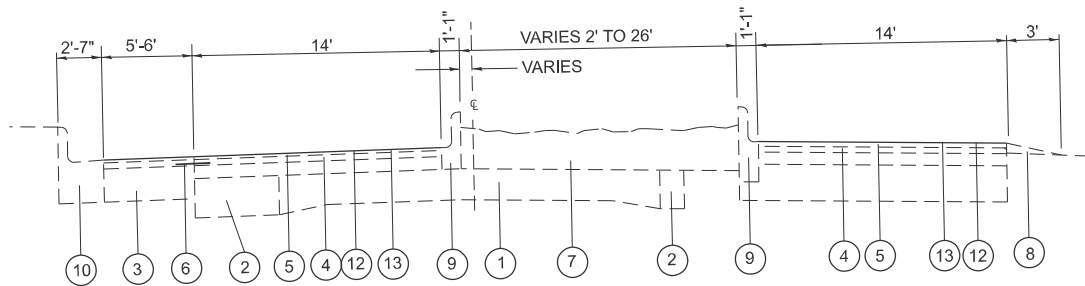
TYPICAL SECTION
STA. 1+91 TO STA. 3+00



TYPICAL SECTION
STA. 27+42 TO STA. 30+67



TYPICAL SECTION
STA. 3+00 TO STA. 8+28
STA. 13+64 TO STA. 27+42



TYPICAL SECTION
STA. 30+67 TO STA. 36+76

LEGEND

- EXISTING P.C.C. PAVEMENT - 18' WIDE - 9"- 6"- 9" DESIGN
- EXISTING P.C.C. BASE COURSE OR P.C.C. BASE COURSE WIDENING
- EXISTING STABILIZED SHOULDER
- EXISTING BITUMINOUS OVERLAY - VARIABLE THICKNESS
- EXISTING BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D, N50 - 1 1/2"
- EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT (24" WIDE)
- EXISTING STONE MEDIAN
- EXISTING AGGREGATE SHOULDERS, TYPE B
- EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.06
- EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.24
- EXISTING LEVEL BINDER-3/4" (MACHINE METHOD)
- PROPOSED BITUMINOUS SURFACE TREATMENT, A2
- PROPOSED FOG SEAL

MODEL: Typical [Sheet]
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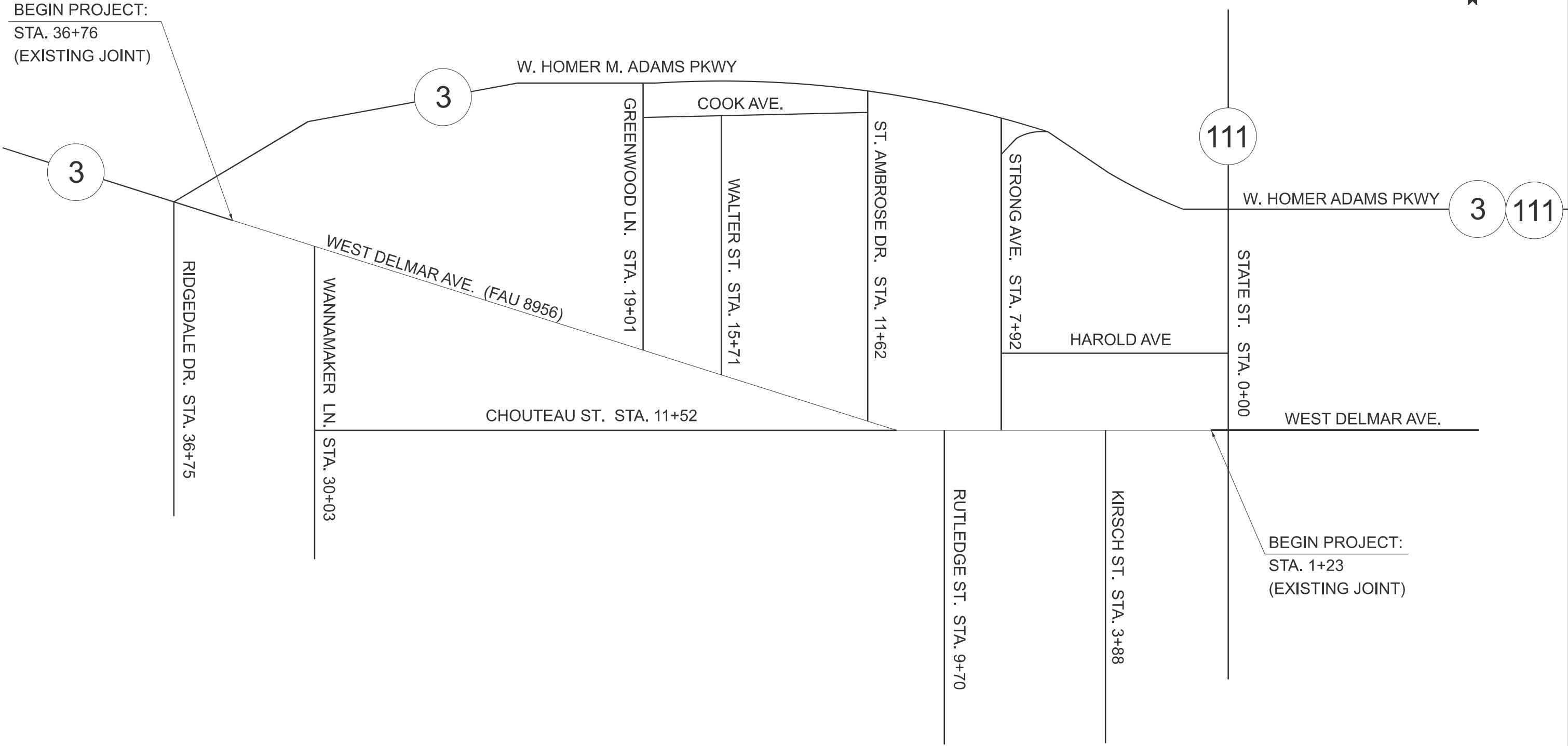
| | | | | | | | | | | | | | |
|--|------------------------------|--------------|-------------|---|--------------------------|---------------------------|------|--------|--------------------|---------|---------|-----------------|--------------|
| | USER NAME = rahshun,miller | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING TYPICAL SECTION | | | | F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - | REVISED - | | | | | | 8956 | 1Q-1 | MADISON | 6 | 4 |
| | | CHECKED - | REVISED - | | | | | | CONTRACT NO. 76U20 | | | | |
| | PLOT DATE = 11/22/2024 | DATE - | REVISED - | | SCALE: 50 | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. | | | |
| | | | | | | ILLINOIS FED. AID PROJECT | | | | | | | |

MODEL: Schedule of Quantities (Sheet)
FILE NAME: c:\pawork\pawidomiller\raj\1015962\0876U20-sh-schedule.dgn

| PAINT PAVEMENT MARKING SCHEDULE | | | | | | | | | | | |
|---------------------------------|----|-------|--------|-------------------------------|--------------------|-----------|-----------------------|-----------------------------------|---|---|---|
| STA. | TO | STA. | LENGTH | 6" WHITE | | 6" YELLOW | | SHORT TERM PAVEMENT MARKING | SHORT TERM PAVEMENT MARKING REMOVAL | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER |
| | | | | SOLID EDGE LINE (EB/WB) | SOLID LANE LINE | SKIP-DASH | NO PASSING (EB/WB) | | | | |
| | | | | FOOT | FOOT | FOOT | FOOT | | SQ FT | EACH | EACH |
| | | | | | | | | | | | |
| 1+23 | TO | 1+91 | 68 | 136 | 48 | | 136 | 25 | 8 | 2 | 2 |
| 1+91 | TO | 3+00 | 109 | 218 | | | 218 | 40 | 13 | 3 | 3 |
| 3+00 | TO | 8+28 | 528 | 1056 | | | 1056 | 192 | 64 | 13 | 13 |
| 8+28 | TO | 13+64 | 536 | 1072 | | | 1072 | 195 | 65 | 13 | 13 |
| 13+64 | TO | 27+42 | 1378 | 2756 | | 210.25 | 1074 | 367 | 122 | 34 | 34 |
| 27+42 | TO | 30+67 | 325 | 650 | | 81.25 | 325 | 96 | 32 | 8 | 8 |
| 30+67 | TO | 36+76 | 609 | 1218 | | 152.3 | 766 | 194 | 65 | 15 | 15 |
| | | | | | | | | | | | |
| SUB - TOTAL : | | | | 7106.0 | 48.0 | 443.8 | 4647.0 | | | | |
| TOTAL : | | | | 12245 | | | | 1109 | 370 | 89 | 89 |

| RESURFACING SCHEDULE | | | | | | |
|----------------------|----|---------|--------|--------|------------------------------------|------------------------|
| STATION | TO | STATION | LENGTH | WIDTH | BITUMINOUS SURFACE TREATMENT A2 | BITUMINOUS FOG SEAL |
| | | | (FOOT) | (FOOT) | (SQ YD) | (LBS) |
| | | | | | | |
| 1+23 | TO | 1+91 | 68 | 34 | 257 | 102.8 |
| 1+91 | TO | 3+00 | 109 | 38 | 460 | 184.1 |
| 3+00 | TO | 8+28 | 528 | 22 | 1291 | 516.3 |
| 8+28 | TO | 13+64 | 536 | 22 | 1310 | 524.1 |
| 13+64 | TO | 27+42 | 1378 | 22 | 3368 | 1347.4 |
| 27+42 | TO | 30+67 | 325 | 40 | 1444 | 577.8 |
| 30+67 | TO | 36+76 | 609 | 34 | 2301 | 920.3 |
| | | | | | | |
| TOTAL : | | | | | 10432 | 4173 |

| | | | | | | | | | | | | |
|--|----------------------------|------------|-----------|---|------------------------|---------|-------------|--------------------|---------|---------------------------|-----------------|--------------|
| | USER NAME = rahshun.miller | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCHEDULE OF QUANTITIES | | | F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - | REVISED - | | | | | 8956 | 1Q-1 | MADISON | 6 | 5 |
| | | CHECKED - | REVISED - | | | | | CONTRACT NO. 76U20 | | | | |
| | PLOT DATE = 10/21/2024 | DATE - | REVISED - | | SCALE: 50 | SHEET 1 | OF 1 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | |



MODEL: Location Map (Sheet)
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|----------------------------|------------|-----------|
| USER NAME = rahshun.miller | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 10/21/2024 | DATE - | REVISED - |

| |
|---|
| STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
|---|

| | | | |
|---------------------|---------|-------------|--------------|
| LOCATION MAP | | | |
| SCALE: 50 | SHEET 1 | OF 1 SHEETS | STA. TO STA. |

| | | | | |
|---------------------|-----------------|--------------------|-------------------|----------------|
| F.A.U. RTE. 8956 | SECTION 1Q-1 | COUNTY MADISON | TOTAL SHEETS 6 | SHEET NO. 6 |
| | | CONTRACT NO. 76U20 | | |
| | | ILLINOIS | FED. AID PROJECT | |